

PI 512287 to 512288. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Bonnett, H.T., Department of Biology, University of Oregon, Eugene, Oregon, United States. **remarks:** Received through Tobacco Research Lab., USDA-ARS, Oxford, North Carolina. Received October 05, 1987.

PI 512287 **donor id:** A-28. **origin:** United States. **cultivar:** SAMSUN (PHYB)-1. **pedigree:** Fused cells of *N. tabacum* cv. Turkish Samsun with cells of *Petunia hybrida* cv. Comanche. **remarks:** Cybrid containing chloroplasts of *Petunia* and nucleus and mitochondria of tobacco. Plants fully self fertile. TAG 72:794-798. 1986. Cultivar. Seed.

PI 512288 **donor id:** C-9. **origin:** United States. **cultivar:** SAMSUN (PHYB)-2. **pedigree:** Fused cells of *N. tabacum* cv. Turkish Samsun with cells of *Petunia hybrida* cv. Comanche. **remarks:** Cybrid containing chloroplasts of *Petunia* and nucleus and mitochondria of tobacco. Plants fully self fertile. TAG 72:794-798. 1986. Cultivar. Seed.

PI 512289. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Lehman, W.F., Dept. of Agronomy & Range Science, University of California-Davis, P.O. 1004 E. Holton Road, El Centro, California, United States. **remarks:** Cooperative efforts by the University of California, Davis, and the Dept. of Plant Pathology, Kansas State University, Manhattan. Received November 20, 1987.

donor id: UC 193. **origin:** United States. **pedigree:** Sel. from UC 143. **other id:** GP-202. **group:** CSR-ALFALFA. **remarks:** Plants nondormant. **disease resistance:** High to downy mildew and *Fusarium* wilt. Low to anthracnose. **insect resistance:** Some to blue alfalfa aphid. Perennial. Breeding Material. Seed.

PI 512290. *Saccharum hybrid* POACEAE Sugarcane

Donated by: Tai, P.Y.P., Sugarcane Field Station, USDA-ARS, Canal Point, Florida, United States. **remarks:** Cooperative research by USDA-ARS, Institute of Food and Agr. Sciences of Univ. of Florida, and Florida Sugar Cane League, Inc. Received November 20, 1987.